



JOB OPPORTUNITY

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Announcement Number: 06-318
Position Title: **Production Engineer**
Series and Grade: PG-0801-11/12
Salary Range: \$54,272 - \$70,588 PA
Promotion Potential: PG-12
Opening Date: 01/23/06
Closing Date: 02/24/06
Location of Position: Plant Operations, Engineering Services Division, Engineering Branch, WASHINGTON, DC.
Number of Openings: One
Type of Appointment: Permanent
Work Schedule: Full time, shift 1, 7:30 a.m. – 4:00 p.m.
Who May Apply: All U.S Citizens

ABOUT THE GPO:

Today, the GPO is at the epicenter of technological change as it embraces its historic mission while looking to the digital future. The men and women of the GPO are hard at work transforming the agency into a digital information processing facility that will continue Keeping America Informed into the 21st century and beyond. Come be a part of history in the making as the largest information processing, printing, and distribution facility in the world transforms into a revolutionary digital facility.

MAJOR DUTIES:

The Production Engineer implements engineering tools and techniques for improving the performance of production processes and leads projects for supporting new business strategies. Plans, investigates and coordinates implementation of projects designed to increase manufacturing efficiency, implement technological improvements, reduce cost, improve product quality and insure timely performance of the manufacturing mission. Conducts necessary studies, analyzes results and makes recommendations covering all aspects of manufacturing processes materials management systems and management systems. Recommends and implements methods to decrease production time and increase efficiency. Applies mathematical optimization, statistical methods and computer simulation analysis techniques to model systems and processes to aid the decision-making process. Serves as project manager, coordinating necessary preplanning, project development, execution, and post-implementation audits. Conducts formal/informal briefing sessions to present proposed systems concepts and/or project status. Applies comprehensive knowledge of computer systems, design, computer hardware/software architecture and advanced state-of-the-art manufacturing technologies in accomplishing project assignments.

QUALIFICATIONS NEEDED:

A. Basic Requirements: Degree: professional engineering. To be acceptable, the curriculum must: (1) be in a school of engineering with at least one curriculum accredited by the Accreditation Board for Engineering and Technology (ABET) as a professional engineering curriculum; or (2) include differential and integral calculus and courses (more advanced than first-year physics and chemistry) in five of the following seven areas of engineering science or physics: (a) statics, dynamics; (b) strength of materials

(stress-strain relationships);(c) fluid mechanics, hydraulics; (d) thermodynamics;(e) electrical fields and circuits; (f) nature and properties of materials (relating particle and aggregate structure to properties); and (g) any other comparable area of fundamental engineering science or physics, such as optics, heat transfer, soil mechanics, electronics.

OR

A Combination of education and experience, college-level education, training, and/or technical experience that furnished (1) a thorough knowledge of the physical and mathematical sciences underlying professional engineering, and (2) a good understanding, both theoretical and practical, of the engineering sciences and techniques and their applications to one of the branches of engineering. The adequacy of such background must be demonstrated by one of the following:

1. Professional Registration in any State, District of Columbia, Guam or Puerto Rico.
2. Evidence of having successfully passed the Engineer-in-Training (EIT) examination, or the written test required for professional registration.
3. Successful completion of at least 60 semester hours of courses in the physical, mathematical, and engineering sciences and in engineering that included the courses specified above.
4. Successful completion of a curriculum leading to a bachelor's degree in engineering technology or in an appropriate professional field, provided the applicant has had at least 1 year of professional engineering experience acquired under professional engineering supervision and guidance.

B. Experience Requirements: In addition to the basic requirements, applicants must possess 1 year of specialized experience equivalent to the next lower grade level. Specialized experience includes planning and conducting studies to improve production performance, analyzing results to make recommendations, adapting and applying engineering principles to solve unique problems, and using computer-aided design, statistical methods and computer simulation analysis techniques to complete projects.

All qualification requirements must be met by the closing date of this announcement.

Applicants must specify for which grade level(s) they wish to receive consideration. Failure to do so will result in the applicant being considered only at the highest grade level for which they are qualified.

HOW YOU WILL BE EVALUATED:

If you meet the qualifications described above, you will be further evaluated based on your narrative responses to each knowledge, skill, ability and other characteristic (KSAO) listed below. Your narrative responses should explain how your experience, education, training, awards and appraisals demonstrate that you possess each KSAO. When describing your KSAOs, please be sure to explain how often you used the skills, the complexity of the knowledge you possessed, and give examples of problems handled and results achieved. Please limit your narrative response statements to one page per KSAO.

You must submit separate narrative response statements for each KSAO with your application package.

Knowledge, Skills, and Abilities and Other Characteristics required for this position:

1. Demonstrated skill in implementing engineering tools and techniques in a mid to large-sized, deadline-driven, manufacturing operation to improve efficiency and reduce cost.
2. Comprehensive knowledge of production engineering methods in the areas of manufacturing scheduling, shop floor controls, materials management, quality control, manufacturing process planning and estimating, factory layout, and capacity planning.
3. Demonstrated skill in applying mathematical optimization, computer-aided design, statistical methods, and computer simulation analysis techniques to implement studies covering all aspects of manufacturing processes.
4. Ability to communicate effectively orally and in writing in both formal and informal settings, to provide well-written and clear/concise written reports and deliver presentations on highly complex and/or significant production engineering issues.
5. Knowledge of accepted QA/QC practices (e.g., Six-Sigma, Quality Process Control, Design of Experiments, Reliability Engineering, Lean Manufacturing, ISO 9000 principles, etc).

HOW TO APPLY:

There is certain information that we must have to determine if you meet the legal requirements for Federal employment and to evaluate your qualifications for this specific position. If your application package does not provide all the information requested, you will lose consideration for the job.

STEP 1: Complete a resume or an Optional Form 612 “Optional Application for Federal Employment” (OF-612). The OF-612 is available electronically at http://www.opm.gov/forms/pdf_fill/of612.pdf. If you submit a resume, make sure it contains all the pertinent data requested in the OF-612, including your social security number. To assist you in sending in a complete resume, use our checklist at: http://www.gpo.gov/careers/pdfs/Resume_Checklist.pdf.

STEP 2: Prepare separate narrative responses to each of the KSAOs listed in this announcement.

STEP 3:

Current and Former Federal Employees: Attach a copy of your most recent Standard Form (SF)-50 and performance appraisal as proof of status or reinstatement eligibility. GPO Employees may obtain a copy of their SF-50 and Performance Appraisal from the Human Capital Business Center in Room C-106. All time in grade requirements must be met by the closing date of this announcement.

Applications will be accepted from both status and non-status candidates. Status candidates who wish to be considered under both merit promotion and competitive procedures must submit two (2) complete applications. When only one (1) application is received, it will be considered under merit promotion procedures only.

Veterans: Attach a copy of your most recent DD-214, "Certificate of Release or Discharge from Active Duty" or letter from the Veterans Administration documenting your military service. If you are claiming 10-point veteran's preference, you must also attach an SF-15 "Application for 10-Point Veterans' Preference" plus the proof required by that form. For more specific information about your veteran's preference and eligibility, please visit <http://www.opm.gov/veterans/>. When one application is received, it will be considered under competitive procedures only. Veterans who also wish to be considered under merit promotion procedures, must submit two separate, complete applications.

Applicants with Disabilities: If you are seeking an excepted appointment based on a disability, please attach a certification from a State or District of Columbia rehabilitation counselor indicating that you can perform the duties of the position and are eligible for an excepted appointment based on a physical or mental disability.

STEP 4: Assemble your application package and hand-deliver, e-mail, fax, or mail your application to GPO using the information below.

Send your complete Application Package to:

Application Processing, STP: HCD
U.S. Government Printing Office
732 N. Capitol Street, NW
Washington, DC 20401
FAX: (202) 512-1292
Email: applicationprocessing@gpo.gov

For Additional Information please contact:

Plant Operations Human Capital Department
Kristy Kaptur
Phone: (202) 512-1308
TDD: (202) 512-1519

Your complete application package must be received at the address above by 12:00 midnight on the closing date of the announcement. Due to delays in processing mail, you are encouraged to hand-deliver, e-mail, or fax your application package.

Applicants will receive written notification of their application status following an initial review of the application by Human Capital and when a final selection has been made.

PRE-EMPLOYMENT CONSIDERATIONS:

Selectees must successfully pass a drug test and background check before appointment. Current GPO employees are not subject to these requirements.

GPO may pay relocation costs.

BENEFITS:

The Federal government offers a number of exceptional benefits to its employees. We offer a broad array of benefits programs and family friendly flexibilities to meet your and your family's needs. These benefits include, but are not limited to: health care, life insurance, flexible spending and dependent care accounts, annual and sick leave, long-term care insurance, and retirement savings plans. For more information about these benefits, please visit <http://www.usajobs.opm.gov/ei61.asp>.

GPO provides reasonable accommodations to applicants with disabilities. If you need a reasonable accommodation for any part of the application and hiring process, please notify GPO.

GPO is an equal employment opportunity employer.